BURBANK'S
1917 NEW CREATIONS IN
SEEDS

AND SOME OLDER ONES OF SPECIAL VALUE

ONE OF THE MANY FORMS OF THE NEW SHASTA DAISY

ALL THE SEEDS offered in this List were grown and selected on my own grounds during 1916 and are of superlative quality

Burbank's
Experiment
Farms

LUTHER BURBANK
Santa Rosa, California, U. S. A.

SHOUT
SHARE
IT

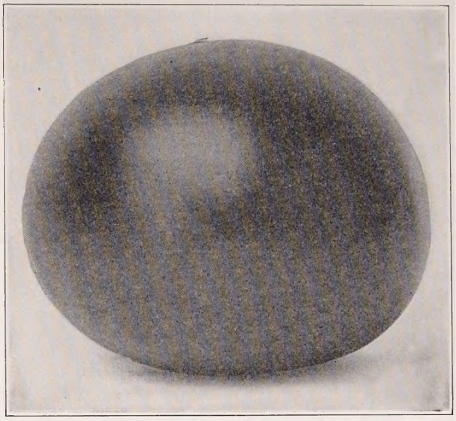
YB
.U625

TWO SHASTA DAISIES

Burbank's 1917 New Creations in Seeds

The Earliest Tomato in the World—The "Burbank"

BY FAR the *earliest, smoothest, largest, most productive,* and *best* of all early tomatoes; resists wilt and other tomato diseases better than most others. The "Burbank" is so much earlier than other tomatoes that from the seed of the tomatoes which ripened here in *June,* a *second crop* has been again and again grown and *ripened* the *same season,* something probably never before known. This extreme earliness means millions of dollars to American tomato growers, as one-half the tomatoes grown in the United States are taken by frost instead of by the grower.



THE "BURBANK" TOMATO

Fruit, *bright crimson;* thick, smooth, firm, medium to large in size, superior quality, *unusually heavy* and *continuous bearer throughout the season; fine keeper and shipper.* The "Burbank" has one other unique and most remarkable quality which will be appreciated by those who like fresh sliced tomatoes for the table. Unlike other tomatoes, *the skin peels freely from the rich, firm flesh, even when fully ripe.*

How to Have Fresh Tomatoes Nearly or Quite Six Months Each Season Instead of Two or Three

Sow the "BURBANK" Tomato early in a warm, sunny window, hotbed, or greenhouse. Transplant when the second set of leaves appear, into well drained boxes of light, rich soil. As soon as danger of frost

is over, transplant to open ground, setting the plants deep, especially in dry climates. Tomato roots are generally planted too near the surface and, contrary to general opinion, long, "leggy" plants are better than the short, stocky ones, if properly planted *deep*. This method prepares them for long, dry terms and renders them less liable to disease. In the Fall, before heavy frosts, pull the "Burbank" Tomato vines and turning them over, pick all sound, green tomatoes and place them only one deep in a fairly warm room and they will continue to ripen along as needed until February and will retain their full flavor.

Mr. J. H. Begier, one of the oldest and perhaps the most experienced, as well as one of the largest growers in the "Bay Region," reports that he found the "BURBANK" Tomato fully *SIX WEEKS* earlier than the tomatoes before grown in that region.

The "BURBANK" Tomato was very carefully tested last season by Mr. J. H. Empson, one of the best known and most extensive packers of *extra fine goods* in the United States; he writes as follows:

LONGMONT, COLORADO, Nov. 7th, 1916.

Mr. Luther Burbank,
Santa Rosa, Calif.:

Dear Mr. Burbank—I thought you might be interested to learn how your new Tomato came out in this section of the country. We planted the seed you sent us and grew just as many plants as we could from it. We planted that seed exactly the same day we planted seed from Chalk's Early Jewell, and we put them in the same field, in exactly the same kind of soil.

We picked the first ripe tomatoes from your vines on the 19th day of August; from Chalk's Early Jewell on the 26th day of August. After that we picked tomatoes from each kind—your vines and the C. E. J.—every time the same date.

On August 31st we had picked from your vines..... 7,663 lbs.
From the C. E. J. vines..... 2,756 lbs.

On September 12th we had picked from your vines..... 13,072 lbs.
From the C. E. J. vines..... 7,478 lbs.

We finished picking your vines September 30th and had a total for the season of..... 20,234 lbs.
On same date from C. E. J. vines we had total..... 13,122 lbs.

There were exactly the same number of vines in each patch.

Your Tomato is certainly the Tomato for this section, where we have early frost. The color is good and the quality is good. We have saved seed from the earliest and choicest ones for next year and will plant a number of acres next year where we can test them more fully. I shall not be surprised to get even better results, as I have found that seeds produced in Colorado almost invariably give better results than those grown outside the State.

Yours sincerely,
J. H. EMPSON.

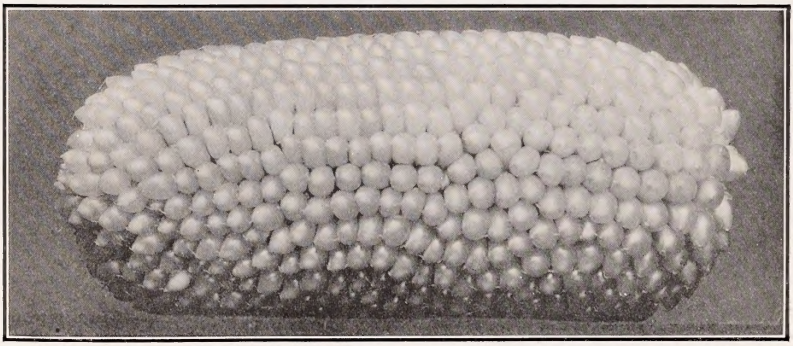
While the "BURBANK" Tomato ripens at Santa Rosa more than a week ahead of all other tomatoes, it may seem strange that it should ripen *only* a *week earlier than the earliest Tomato* in the Colorado climate, while in the San Francisco Bay Region it ripens *six weeks* earlier; the bright, clear sunshine of high altitudes *forwards* plants much more *rapidly* than when growing in the moist, cool air and low altitudes near the ocean. These facts only go to prove that the "Burbank" is the *earliest everywhere.*

Burbank Tomato Seed—1916 Selection

Per packet of 100 seeds, 25c; three, 50c; ten packets, $1.25.

A New Creation in Corn—"Sorghum Pop"

Our common corn, Zea Mays, has shown a wonderful adaptability to various soils and climates and also to the various uses for which it is grown, much more so than any other grass or grain. Next to it in variability are the Sorghums, which include the various Kaffir corns, broom corns, and annual sugar canes. These are two very distinct species, one of which is a native of Africa, the other of America, and there is no record of any new variety having been produced by crossing. Five years ago, after numerous trials, a few kernels were produced on an ear of Burpee's improved Stowell's Evergreen Sweet Corn, from pollen of the white "goose neck" Kaffir Corn. These precious kernels were carefully planted one by one the next season and all but two were Stowell's Evergreen to all intents and purposes, but two ripened weeks earlier and were almost true Kaffir corns with compact, crooked, drooping "heads," containing many scattering hard, round kernels, also bearing "goose neck" drooping ears, somewhat resembling popcorn. The next season all were planted and a *new corn,* in many respects resembling



SORGHUM POPCORN

white rice popcorn, but with more nearly globular kernels was produced, but the ears were *branched* or "many fingered" and bore kernels, not only on the *outside,* but on the *inside of the ears,* producing an enormous number of kernels to the cluster. As these had to be crushed to obtain the corn, selections were made of short "stubby" ears which bore kernels only on the *outside.*

We now offer this most wonderful of all corns, and you will find it early, quite uniform, a *superior* yielder, and one of the best, if not the *best, popping corn known.* It pops out pure white, sweet, and with a whirlwind vehemence. This amazing production is of great interest, not only to growers, but also to botanists.

Packet of 100 seeds, 50c; ounce, $1; pound, $8.

New Giant White Seeded Sunflower — "Manteca"

In 1909 sunflower seed was grown in the United States to the amount of 63,677 bushels. Last season there was shipped out of *one* California town by *one* buyer, *1275 Tons,* for which $76,000 was paid to the growers. Sunflower seed is used for feed and for oil. All sunflower seed has heretofore been black, brown, or striped. "Manteca" was produced on my place several years ago by crossing the well known *Black* seeded *double* California sunflower with the Giant Russian, which has black striped seeds. The result was, after many years of careful selection, *"MANTECA,"* which is a greatly improved *PURE WHITE SEEDED* Giant Russian, which produces enormous *single* heads on short stalks, instead of the usual big and little mongrel heads on tall, unsightly stalks so generally grown. No grower of any other kind can ever compete with this enormously productive Snow White variety. It will transform the business as the Burbank Potato has transformed the potato business.

Packet, 15c; ounce plump seeds, 25c; pound, $1; five pounds, $4.

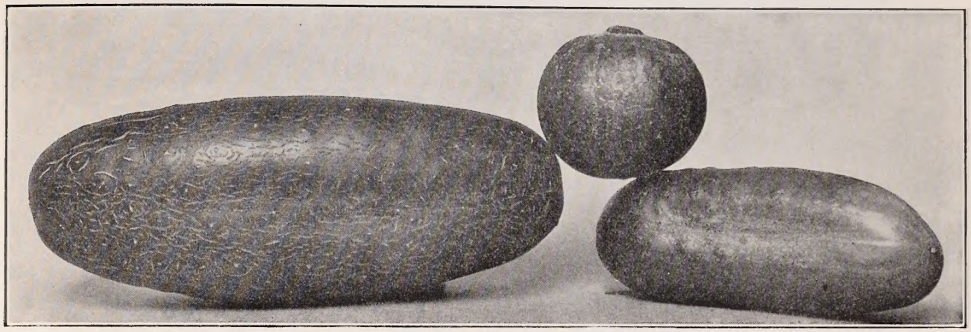
Potato Seed

One of the most interesting of all garden pursuits is the growing of Potato seedlings, especially as a new prize potato may be produced by any one, whether skilled or not. The seed which I offer is from the very best English, Scotch, Norway, Sweden, German, North and South American varieties. Maine, California, New Mexico, Washington, and Oregon seed is included in this remarkably varied and superior lot of seed. Seedlings of all forms, sizes, qualities, and colors will be obtained. Directions for growing are printed on each packet of seed.

Packet, 15c; two, 25c; ten, $1.

A New Hybrid Cucumber — "Iceland"

The "Lemon" Cucumber, a native of Central America, is a quite distinct species from the common long green cucumbers so universally grown. It is small and not a good form for slicing, yet the *quality is so superior* that it is grown more and more extensively each season for home use. By crossing this species with Burpee's long snow-white cucumber, sent out a few years ago, a new and wholly distinct strain has been produced, which surpasses all other cucumbers in crispness and delicacy of flavor and is of very large size and astonishingly productive. In the combination of these good qualities it is unequaled by any other cucumber. You will probably have more fun raising and



THE NEW HYBRID—LEMON—SNOW WHITE

eating these cucumbers than anything else in the garden, and I hereby offer five dollars for the largest one sent me and five dollars for the most unique one.

Price per packet of fifty seeds, 50c; three packets, $1.

The New Bantam Corn

The early Bantam Sweet Corn, introduced by W. Atlee Burpee & Company several years ago, is quite universally known as the best of all early sweet corns. The ears are short and only eight rows to the ear. By most rigid selection for eight years I have produced an Early Bantam more uniform in all respects, more productive, and with *TWELVE ROWS of corn to each ear.*

Packet, 25c; ounce, 40c; pound, $3.

I also offer an *improved eight-rowed* strain. Packet, 15c; ounce, 30c; pound, $1.25.

Rainbow Corn

The leaves of this beautiful corn are variegated with bright crimson, yellow, white, green, rose, and bronze stripes. A really wonderful decorative plant, as easily grown as any common corn and is fully equal in beauty to the most expensive greenhouse dracœnas.

Packet, 10c; ounce, 20c; pound, 60c.

Improved Field Bean

The common white navy or Boston bean is the best and most popular of all field beans. The one here offered is earlier, far more uniform in growth and time of ripening, and is nearly or quite *twice as productive* as the common variety.

Packet, 10c; pound, 35c; ten pounds, $3.

Improved Detroit Red Beet

Best for home use.

Packet, 10c; ounce, 20c; one-fourth pound, 60c.

Popcorn — "Pure Gold"

Unusually productive. Long slender ears. The kernels pop white and larger than other kinds.

Packet, 10c; pound, 30c; three pounds, 75c.

The Sunberry

The true Burbank Sunberry is an annual berry plant of the easiest culture, thriving best on rather poor soil. The berries are almost exactly like the large, sweet huckleberries of the Eastern states. The plants bear enormous quantities of berries which are highly prized for cooking, canning, etc. Grown and treated same as tomato plants, but with much less care. The Sunberry is especially prized in the cold North and in hot desert countries where other berries do not thrive.

Packet, 15c; ounce, 40c.

California Field Corn

A short stalked, extremely productive yellow field corn which has been under selection for *productiveness* for many years.

Packet, 10c; pound, 25c.

Select Rice Popcorn

By careful selection this has been made more uniform, earlier, and more productive.

Packet, 15c; pound, 35c.

Big Boston Lettuce

None superior for home growing or market.

Packet, 10c; ounce, 25c.

Moss Curled Parsley

Reselected extra fine curled.

Packet, 10c.

The White Cucumber

One of the very best for home use.

Packet, 10c; ounce, 20c; pound, $1.50.

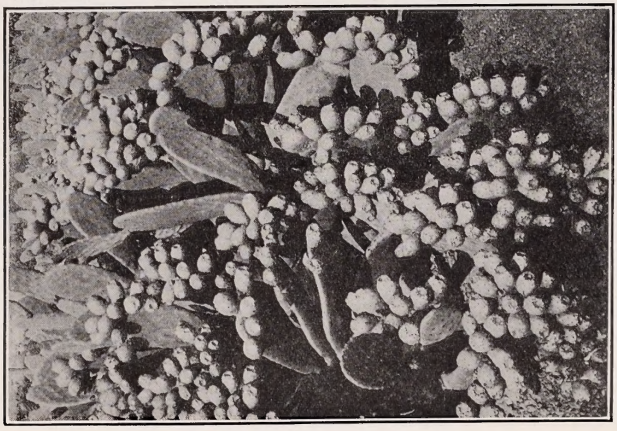
Orache or Mountain Spinach

Early and as hardy as the common spinach. Grows four to six feet in height.

Packet, 10c.

Hubbard Squash

Packet, 10c; ounce, 15c; pound, $1.25.



BURBANK FRUITING CACTUS

Flower Seeds

Bidens Dahloides

A beautiful *new tuberous* type of *Cosmos-like* flowers, produced from the "Black Dahlia." The plants bloom abundantly the first season from seed and may be kept over and divided like Dahlias. These charming plants grow about eighteen inches in height, and produce large, graceful, white, black, red, and pink flowers on long, slender, wiry stems all Summer. One of the best of all the absolutely new plants.

Packet, 25c; three, 50c.

Cocoanut Geranium

This new Geranium from West Australia in foliage much resembles the well-known fragrant Rose Geranium, but is low growing and compact, with unusually handsome crenate leaves. The whole plant has a most delicious, strong cocoanut fragrance. The best of its class and useful as single specimen or in borders.

Packet, 20c; three, 50c.

AUSTRALIAN STAR FLOWER

New Australian Star Flower

The most graceful and beautiful of all the everlastings. Annual; height one foot. Purest shades of rose, pink, and pearly white.

Packet, 25c.

The New Red Sunflower

You will be surprised with the beauty of this new and highly selected strain.

Packet, 10c; three, 25c.

Sweet Peas "All Summer" Mixed

A new strain produced by crossing the dwarf greenhouse varieties with the Spencer type.

Packet, 10c; ounce, 15c; pound, $1.

Dimorpotheca—New Hybrids

These most beautiful "African Daisies" are grown most easily anywhere; are hardy over most of California and, like our Eschscholtzia, bloom all Summer and more or less all Winter and early Spring. The colors are wonderful; pale and bright yellow, orange, salmon, rosy salmon, reddish yellow, cream, and white.

Packet, 20c; four, 50c.

Hunnemannia

The Mexican "Golden Cup" is a more brilliant golden yellow and grows more shrubby than our native; blooms all Summer, and the flowers, when cut, keep open and fresh for a week or more.

Packet, 15c; two, 25c.

Celosia Plumosa

Like graceful ostrich plumes of many beautiful shades.

Packet, 10c.

Gladiolus—Burbank's Hybrids

These seeds have and will produce many new prize varieties of all sizes, shapes, and colors; saved from fully 100,000 varieties.

Packet of 100 seeds, 25c; 1000 seeds, $2; 10,000 seeds, $10.

Whitlavia

A beautiful native of the mountains. Annual. Large, deep blue flowers in abundance all Summer.

Packet, 10c; three, 25c.

Burbank's Hybrid Larkspur

Well known by florists and seedsmen as the most beautiful strain.

Packet, 25c; three, 50c.

LARKSPUR

Burbank's "Mayflower" Verbena

By both European and American growers known as the best selected and most fragrant strain.

Packet, 10c; three, 25c.

Dahlias

Dahlia seedlings from my seed have taken many prizes and several of the best standard varieties have originated from it.

Giant single mixed: Pale lemon, deep yellow, white and crimson.

Packet, 15c; two, 25c.

Double mixed: Packet, 15c; two, 25c.

Shasta Daisy

Most carefully selected and best mixture ever offered of this most popular flower.

Packet, 15c; two, 25c.

Burbank Shirley Poppies

This beautiful strain has been carefully selected each season for more than twenty years and is the foundation for many of the strains offered by other seedsmen.

Packet, 15c; two, 25c.

Giant Zinnia

Burbank selection. Enormous flowers of various colors all Summer.

Packet, 10c; three, 25c.

The Burbank Dwarf Zinnias

New. Charming brilliant red and yellow shades of most perfect doubles.

Packet, 10c; three, 25c.

California Poppies (Eschscholtzia)

Most beautiful selection of large white, pink, crimson, yellow, and the new flame shades.

Packet, 10c; three, 25c.

Perennial Pea

The Burbank strain raised here for a third of a century is not surpassed in abundance and size of flowers, length of stem, or variety of shades. A packet of seeds will supply flowers for a score of years.

Packet, 15c; two, 25c.

Tulip Poppy

The most intensely brilliant crimson of all the poppies. Annual.

Packet, 15c; two, 25c.

Sweet Scabious

To those who have not grown the *new* Scabious, the soft lavender, blue, pink and white shades will be a surprise and delight. Easily grown annual; especially fine for cutting.

Packet, 10c; three, 25c.

All of the varieties of popular flowers named below are of my own selection and growing.

Price, 10c per packet; three packets, 25c; ten packets, 50c.

AUSTRALIAN GOOSEBERRY GOURD

Argemone: Prickly poppy. New mixed colors.

Cosmos: Early, mixed colors.

Cosmos: Large, late, mixed colors.

Calendula (Winter Marigold): Wonderful new Giant Doubles.

Cactus: Thornless varieties mixed.

Canterbury Bell: Handsome biennials.

Coreopsis Lanceolata: Brilliant, yellow, free blooming.

Coreopsis Golden Wave: Select, extra.

Centaurea Marguerite: Like Carnations.

Glaucium Hybrids: Various shades.

Australian Gooseberry Gourd: Ornamental climber.

Hypericum: The great golden variety.
Marigold: Lemon Ball.
Marigold: Orange Ball.
Burbank Giant Crimson Morning Glory.
Morning Glory: Giant white.
Morning Glory: Red, white and blue mixed.
Nasturtium: Dwarf mixed.
Verbena: Scarlet.
Verbena: White.
Verbena: Mixed.
Hibiscus: Giant new varieties.

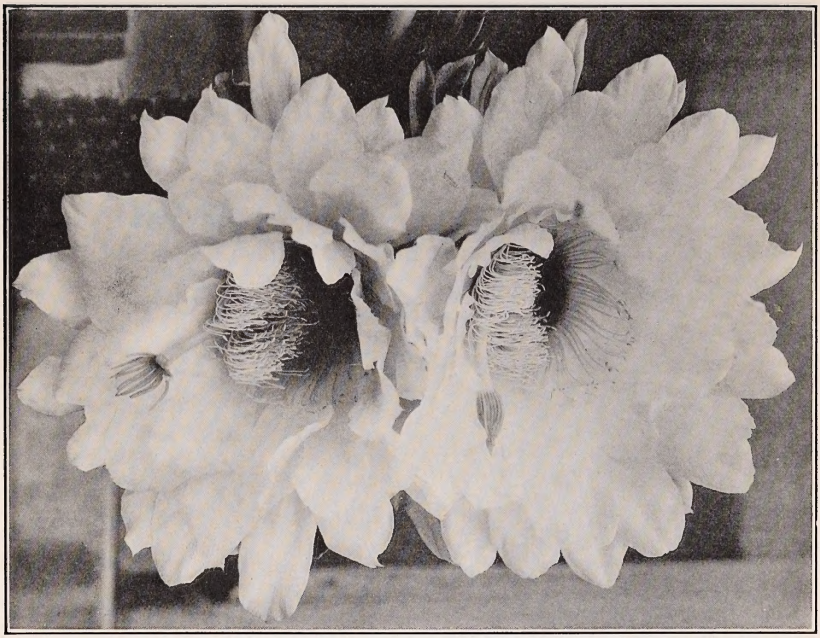
(CULTURAL DIRECTIONS ON PACKETS.)

Hazeltine Hand Weeder All Sold

No garden tool will save more hand weeding than this splendid tool. By Mail, 25c; three, 50c.

BURBANK SEEDLING DAHLIAS

COREOPSIS LANCEOLATA GRANDIFLORA



CACTUS BLOOMS